

# Legend

# FINANCE

<u>Column Number</u>	<u>Code</u>	<u>Description</u>
(1)	*	Indicates a project not previously shown in the CIP
(3)	A	Urgent
	B	Necessary
	C	Desirable
(4 & 7)	AA	Urban Area Projects
	AF	Athletic Fees
	BR	Bridge Replacement
	CD	Community Development Block Grant
	CF	Community Improvement Financing
	CO	Lancaster County
	DC	Developer Contribution
	FA	Federal Aids
	GF	Golf Capital Improvements
	GO	G.O. Bonds
	GR	General Revenues
	KF	Keno Funds
	LF	Landfill Revenues
	MF	Municipal Infrastructure Redevelopment Fund
	NE	State Revenue or Aid
	NH	National Highway System
	OF	Other Financing
	PB	Transportation Enhancement
	PP	STPP - Hazard Elimination
	RB	Revenue Bonds
	RT	Railroad Transportation Safety District
	S9	Section 9
	SC	Service Charges
	SF	State/Federal Funds
	SO	Highway Allocation Funds
	SR	Special Reserves
	TF	Tennis Fees
	TM	State - Train Mile Tax
	UF	User Fees
	UK	Unknown
	UR	Utility Revenues
	WR	City Residual Wheel Tax
	WC	City Wheel Tax New Construction
(9)	ICWP	In Conformance with the Plan
	GCP	Generally Conforms with the Plan
	NIP	Not Included in the Plan
	NICP	Not in Conformance with the Plan
(10)	0	Plans not needed
	1	Nothing done except this report
	2	Preliminary estimate received
	3	Surveys completed
	4	Work on plans scheduled
	5	Sketch plans in preparation
	6	Sketch plans completed
	7	Detail plans in preparation
	8	Detail plans completed

## ***Project Summary and Justification***

Department            **Finance**  
Division                **911/Communications**

### **Project 1            Electronic Mapping/Data Project**

The Communications/911 Center currently operates a Public Safety Systems, Inc. computer aided dispatch system (CAD). Technology is now available to provide dispatchers with digitized computer maps which interface to this CAD system. Dispatchers currently visually track law enforcement, fire units and incidents on paper maps. This is all done by sight and mind. An interface between the existing CAD system and a computerized mapping system would provide dispatchers with a computer map which would plot all incidents, police and fire units. This system would be a tool to assist the dispatchers in sending closest fire and medical units for faster response times and tracking of related incidents. The interface could access existing ArcInfo computer mapping files maintained by the City's Planning Department. The mapping project should be coordinated with the Lincoln Fire Department's Automatic Vehicle Locator Project (AVL) as a joint CIP. There are several other City Department's who will benefit from this system and additional AVL projects utilizing these mapping systems and the City's 800 Mhz Radio system. This funding covers all costs of a CAD interface, mapping hardware/software and additional radio system equipment for additional data projects. Request funding of \$225,000 for 2000/2001.

### **Project 2            Back-up Conventional Radio Repeaters and Equipment**

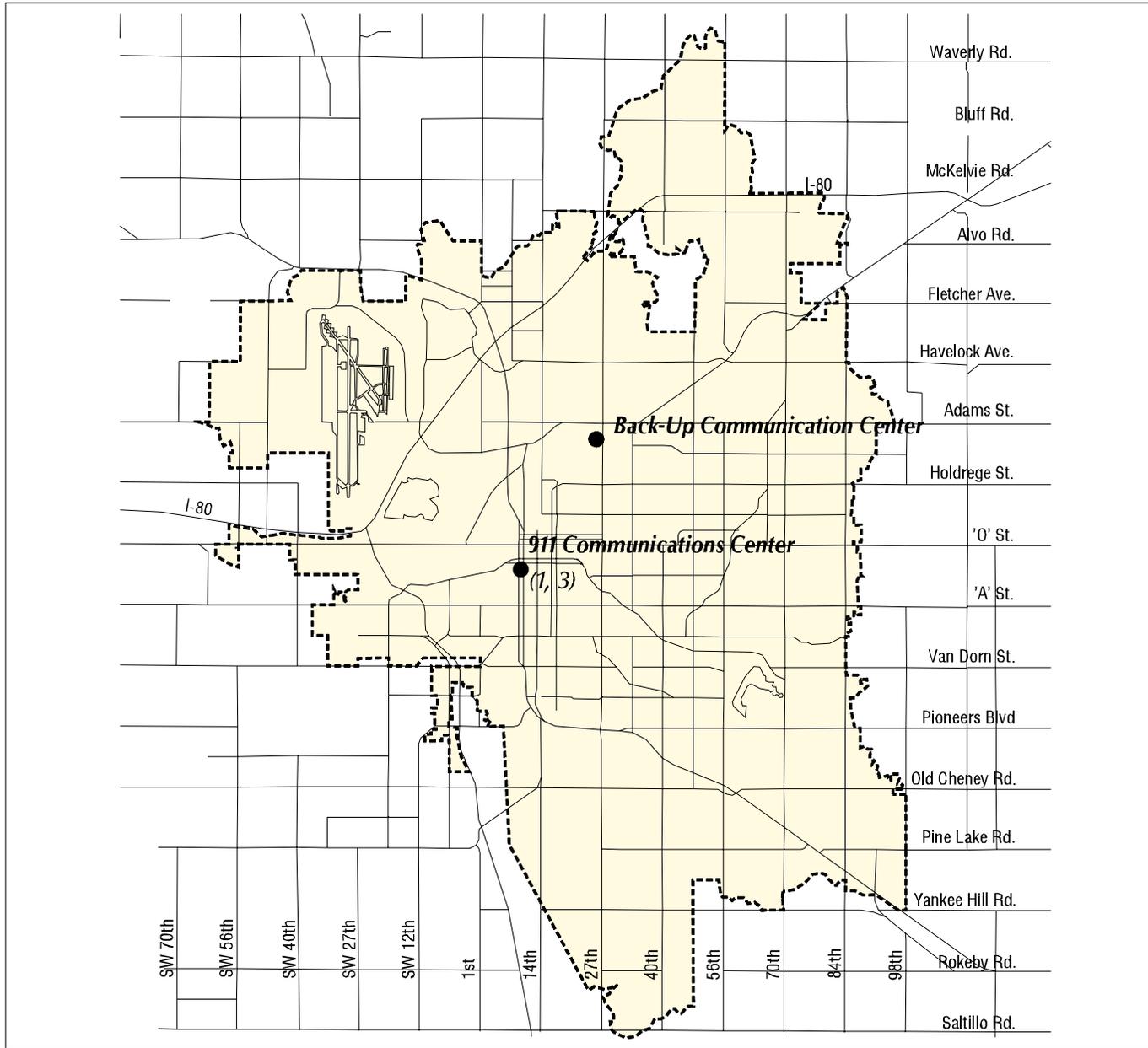
The installation of 5 repeater sites, including radio equipment, antennae and cables must be developed and constructed. These repeater sites would provide the public safety radio system with a line of redundancy that does not exist today. Failure of one or more of the existing radio tower sites, 6<sup>th</sup>/Charleston (soon to be relocated) and Jensen Park, could render the entire system inoperable or at the least greatly limit radio coverage in many areas. This system could be designed as a mobile system which would also be used during times of disaster or mutual aid for other jurisdictions outside the City. Request funding of \$150,000 for 2001/2002.

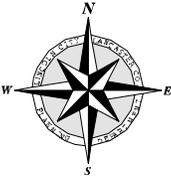
### **Project 3            Replacement 911 Telephone System**

The Communications/911 Center currently operates a 50-line lamp and key telephone system which operates on a Plant Equipment, Inc. 911 Maarsview Switch. This system was installed by Aliant and is currently maintained by Alltel. This telephone system is near capacity and with the advent of multiple cellular providers in the Lincoln vicinity the need to replace this system is great. Few if any of the existing Plant 911 system's components are reusable and replacement of the 911 switching system as well as the end-user equipment is imperative in the future. Replacement system being considered provides for a 90 line telephone system giving the system room for growth over the following years. Request funding of \$375,000 for 2002/2003.

# Lincoln CIP 2000 - 2006

# Finance Communications



<b>L e g e n d</b>	<p><b>Lincoln Future Service Limit Shown as Grey</b></p>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Map prepared by City - Co. Planning Dept GIS Section</p>  <p style="text-align: center;">M I L E S</p>  </div> <div style="width: 50%; text-align: center;"> <p>Projects 1 and 3 are located at the 911 Communications Center</p> </div> </div>

**List of Projects**Department: ***Finance / Communications/911***

Project Number	Project Title
-------------------	------------------

---

- |   |   |
|---|---|
| 1 | Electronic Mapping/Data Project                   |
| 2 | Back-Up Conventional Radio Repeater and Equipment |
| 3 | Replacement 911 Telephone System                  |

\*Project number in parenthesis indicates project is not shown on the map.

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: COMMUNICATIONS / 911

(1)	(2)	(3)	5% Inflation per year (4)						
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						
			2000-2001 FS	2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	
1	Electronic Mapping / Data Project CAD System Interface Map Source Data Fee Mapping License (Map Vendor) Mapping License (PSSI) Geobase Conversion Radio / GPS Equipment Software Costs	A	75.0 GR 3.0 GR 19.5 GR 7.5 GR 20.0 GR 75.0 GR 25.0 GR						
2	Back-up Conventional Radio Repeater and Equipment	A		150.0 GR					
3	Replacement 911 Telephone System	A			375.0 GR				
FUNDING SOURCE BREAKDOWN:									
GR (General Revenues)			225.0	150.0	375.0				
DIVISION TOTAL:			225.0	150.0	375.0				

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (000's)	PRIOR APPROPRIATIONS (000's)		TOTAL CAP COSTS (000's)	COMP PLAN	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		YEAR	FS	(5)+(6)+(7)	CONFORM	PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)			
75.0		None		75.0	GCP	1						200.0		1
3.0				3.0		1								
19.5				19.5		1								
7.5				7.5		1								
20.0				20.0		1								
75.0				75.0		1								
25.0				25.0		1								
150.0		None		150.0	GCP	1						150.0		2
375.0				375.0	GCP	1								3
750.0														
750.0														